



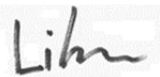
Appendix A

RF Test Data for BT (Conducted Measurement)

Product Name: GNSS Receiver

Test Model: N6

Environmental Conditions

Temperature:	23.5℃
Relative Humidity:	52.2%
ATM Pressure:	100.0 kPa
Test Engineer:	 Monkey Li
Supervised by:	 Li Huan



A.1 20dB Emission Bandwidth

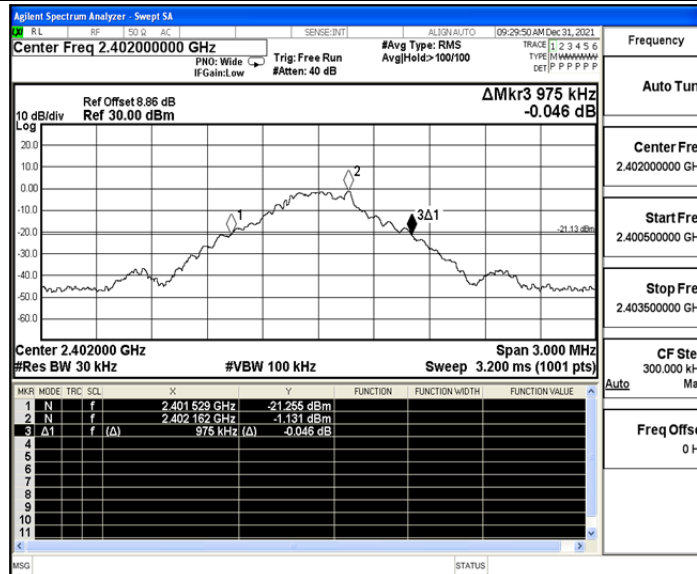
Test Result

TestMode	Antenna	Channel	20db EBW[MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
DH5	Ant1	2402	0.975	2401.529	2402.504	---	---
		2441	1.041	2440.463	2441.504	---	---
		2480	1.038	2479.466	2480.504	---	---
2DH5	Ant1	2402	1.296	2401.361	2402.657	---	---
		2441	1.320	2440.337	2441.657	---	---
		2480	1.296	2479.358	2480.654	---	---
3DH5	Ant1	2402	1.299	2401.349	2402.648	---	---
		2441	1.296	2440.349	2441.645	---	---
		2480	1.314	2479.343	2480.657	---	---

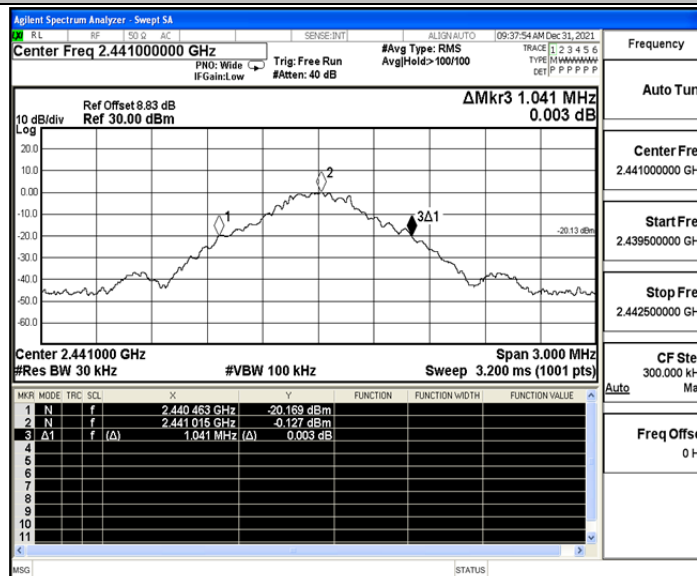


Test Graphs

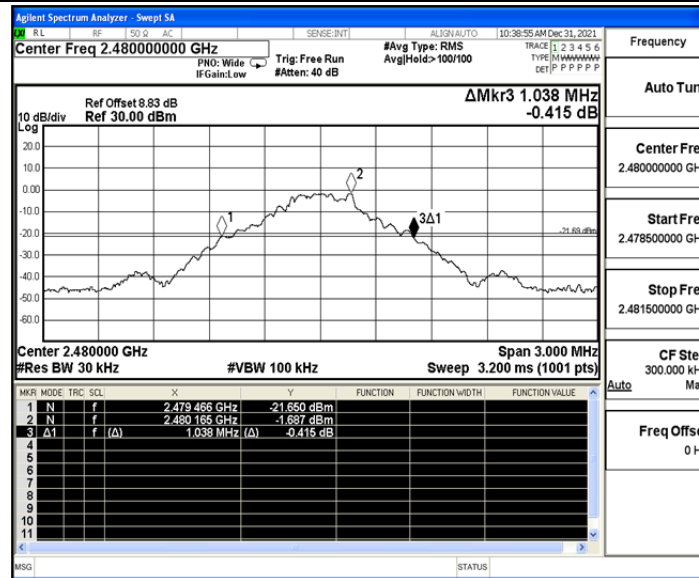
DH5_Ant1_2402



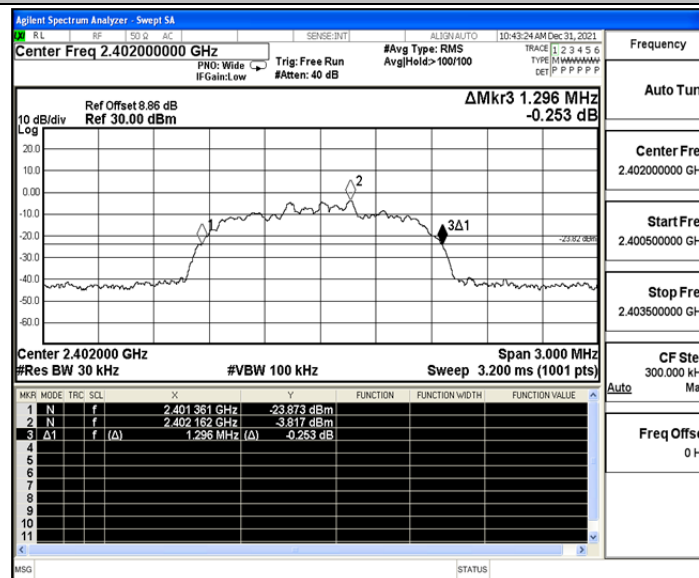
DH5_Ant1_2441



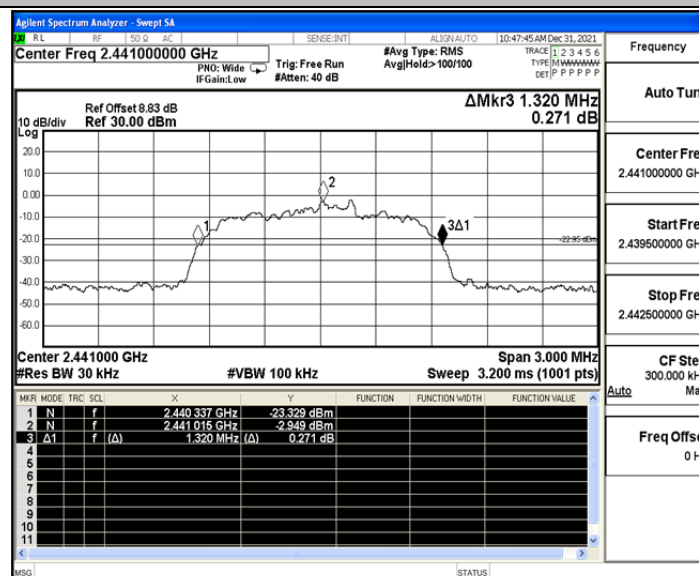
DH5_Ant1_2480



2DH5_Ant1_2402

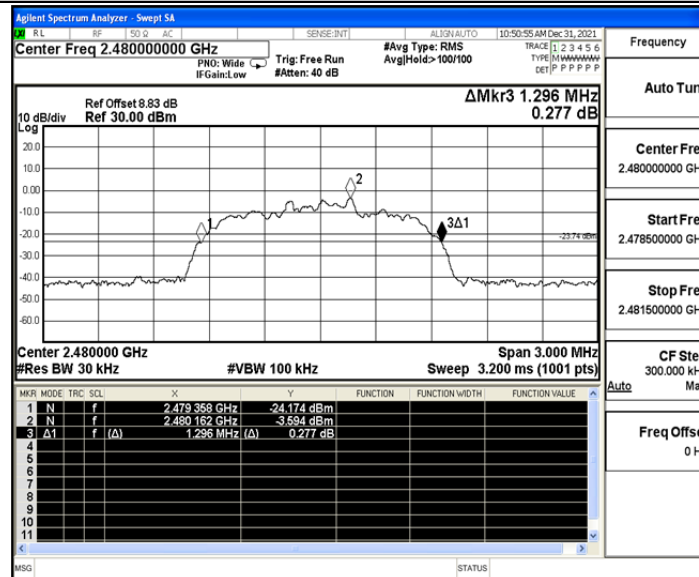


2DH5_Ant1_2441

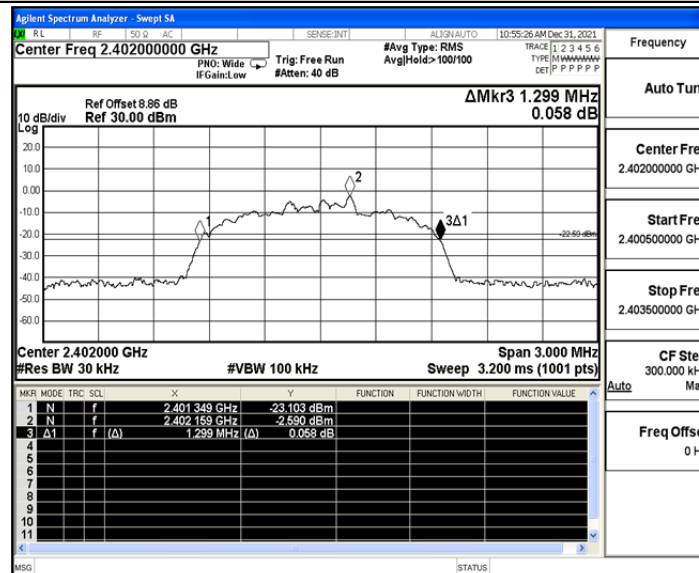




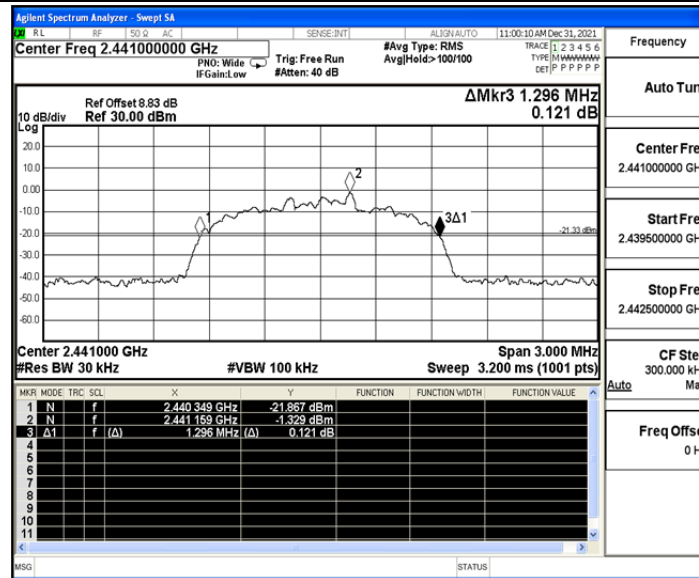
2DH5_Ant1_2480



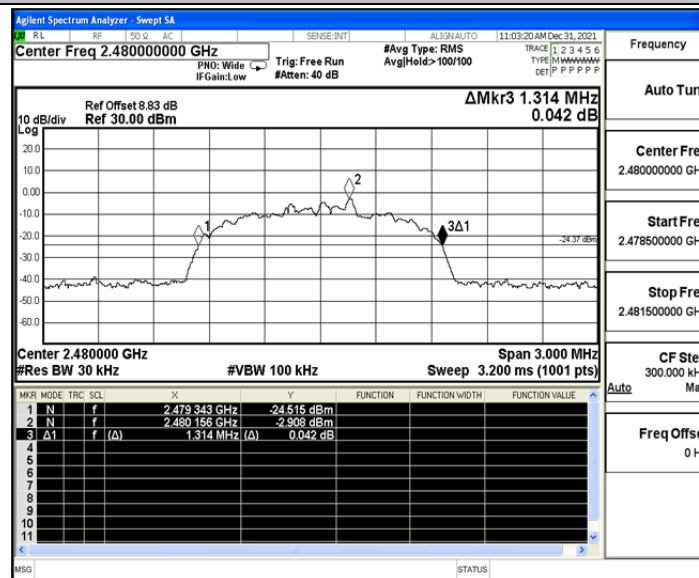
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.2 Maximum peak conducted output power

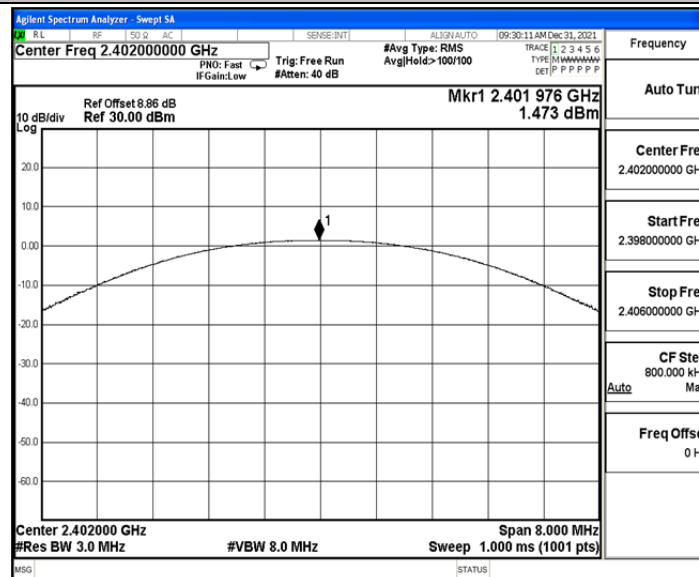
Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
DH5	Ant1	2402	1.47	≤ 20.97	PASS
		2441	2.74	≤ 20.97	PASS
		2480	1.22	≤ 20.97	PASS
2DH5	Ant1	2402	0.59	≤ 20.97	PASS
		2441	1.85	≤ 20.97	PASS
		2480	0.35	≤ 20.97	PASS
3DH5	Ant1	2402	0.71	≤ 20.97	PASS
		2441	2	≤ 20.97	PASS
		2480	0.57	≤ 20.97	PASS

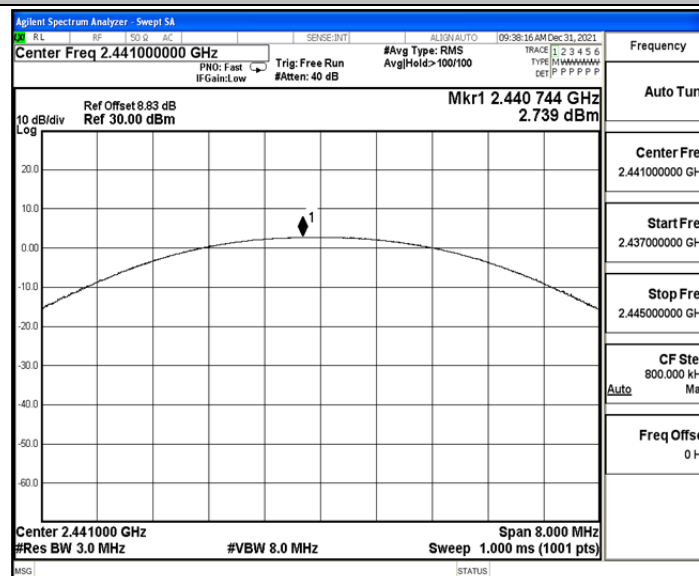


Test Graphs

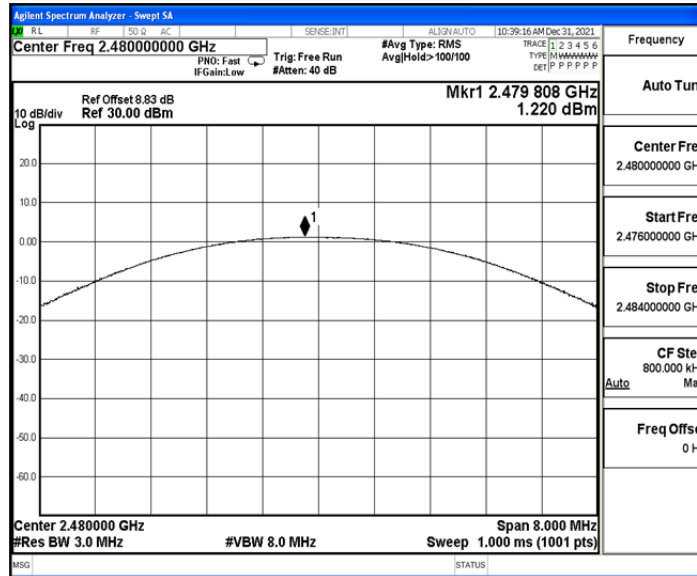
DH5_Ant1_2402



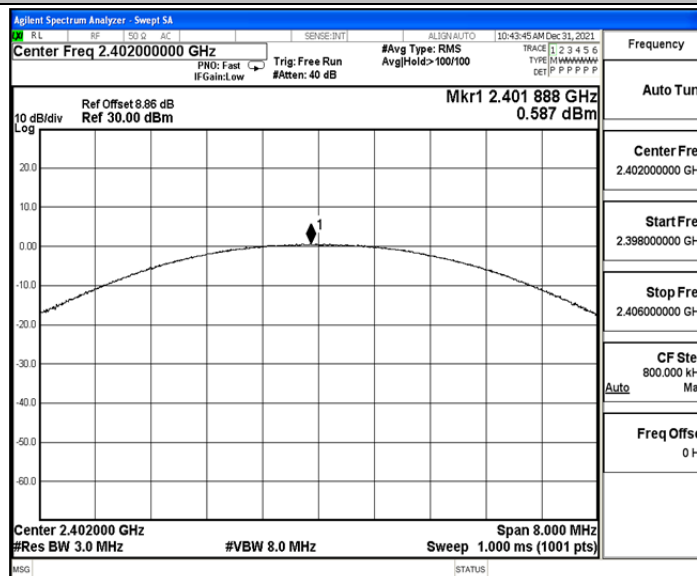
DH5_Ant1_2441



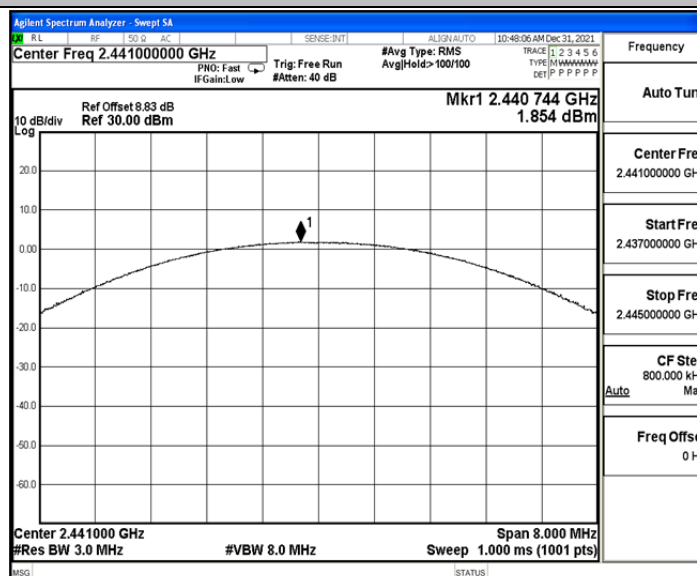
DH5_Ant1_2480



2DH5_Ant1_2402

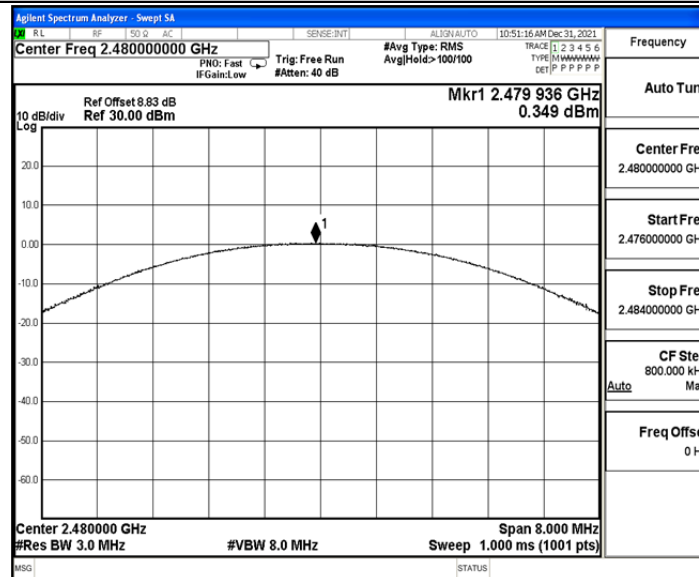


2DH5_Ant1_2441

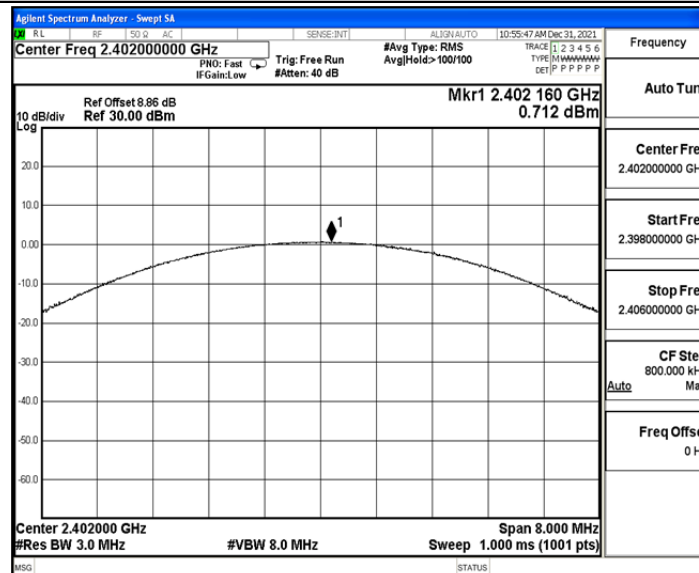




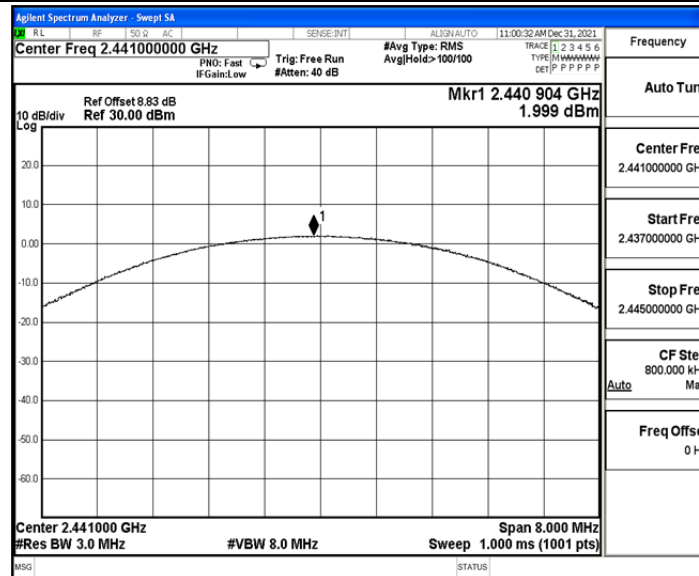
2DH5_Ant1_2480



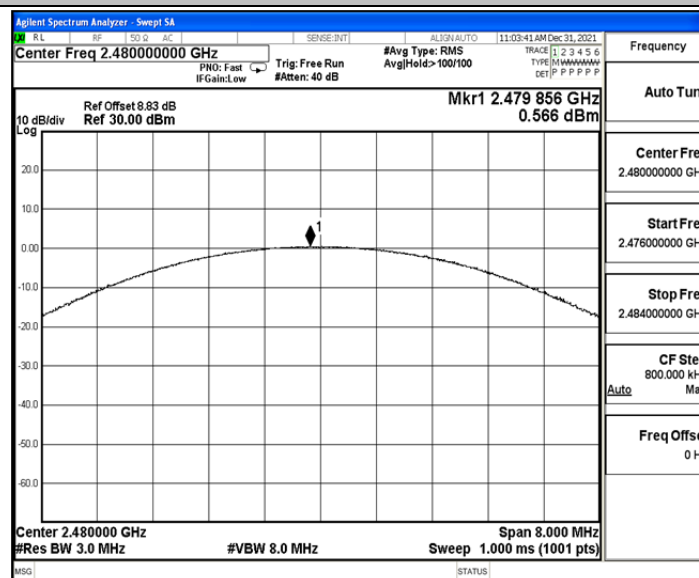
3DH5_Ant1_2402



3DH5_Ant1_2441



3DH5_Ant1_2480





A.3 Carrier frequency separation

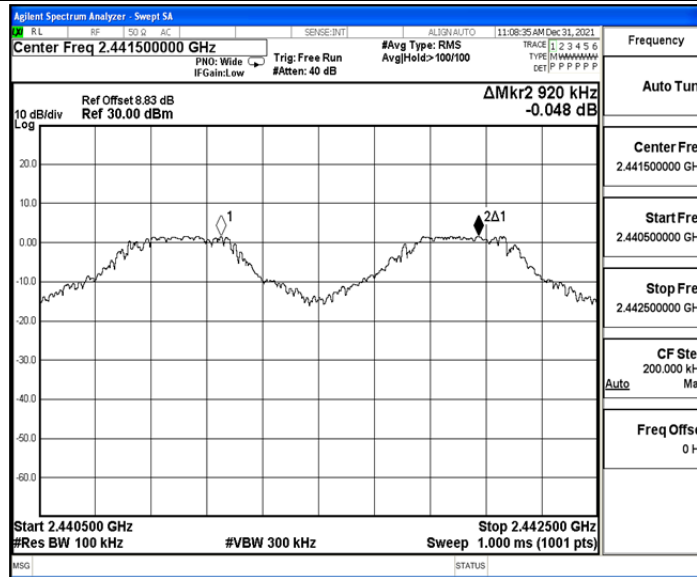
Test Result

TestMode	Antenna	Channel	Result[MHz]	Limit[MHz]	Verdict
DH5	Ant1	Hop	0.92	≥ 0.694	PASS
2DH5	Ant1	Hop	0.984	≥ 0.880	PASS
3DH5	Ant1	Hop	1.018	≥ 0.876	PASS

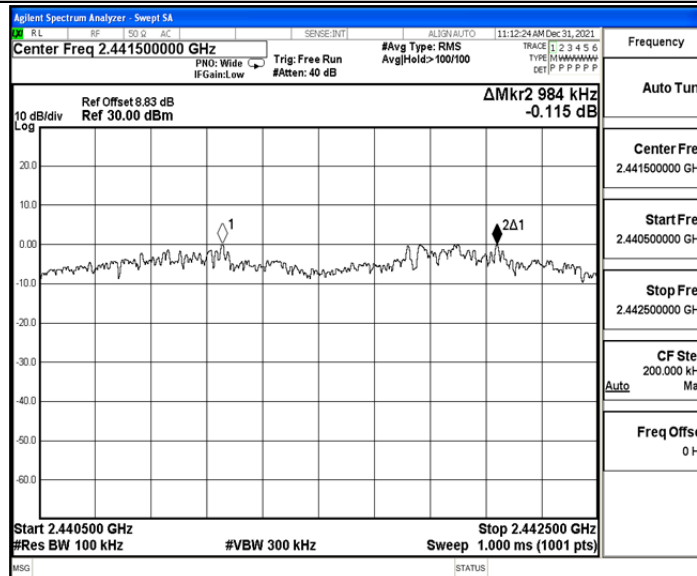


Test Graphs

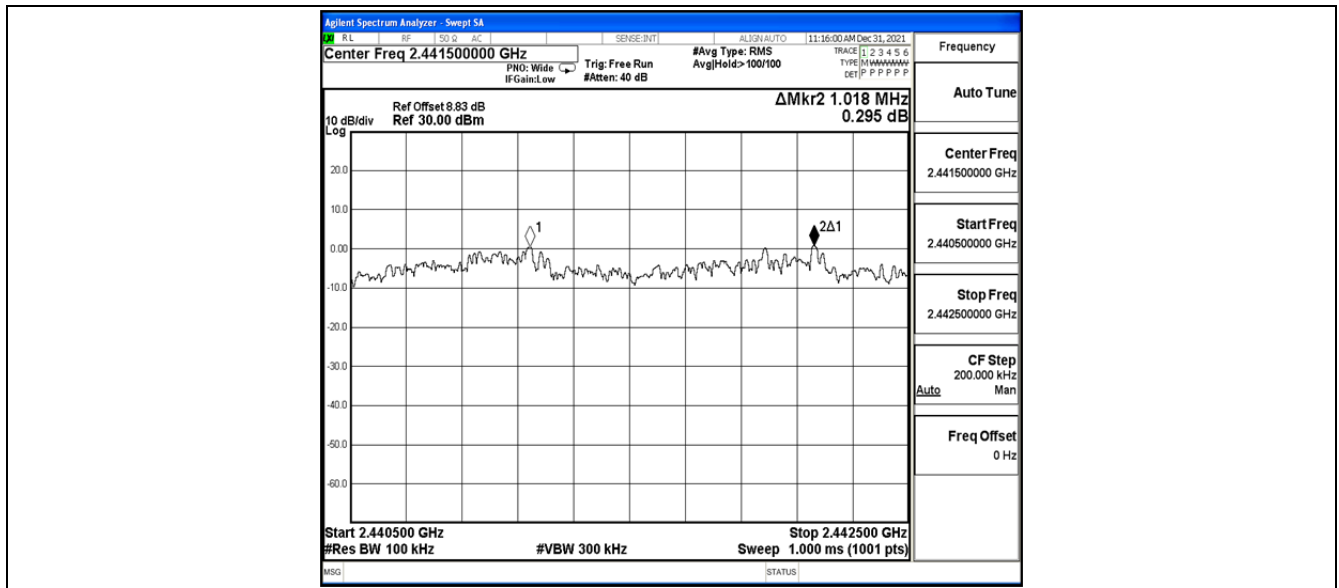
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.4 Time of occupancy

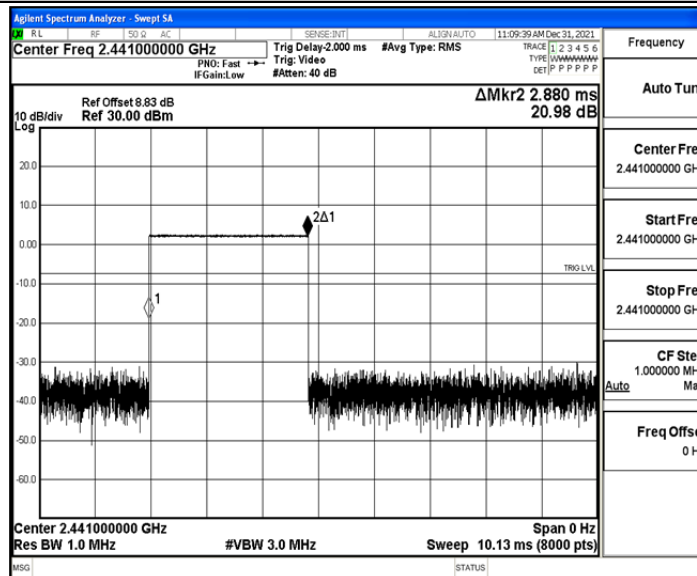
Test Result

TestMode	Antenna	Channel	BurstWidth [ms]	TotalHops [Num]	Result[s]	Limit[s]	Verdict
DH5	Ant1	Hop	2.88	106.67	0.307	≤0.4	PASS
2DH5	Ant1	Hop	2.88	106.67	0.308	≤0.4	PASS
3DH5	Ant1	Hop	2.89	106.67	0.308	≤0.4	PASS

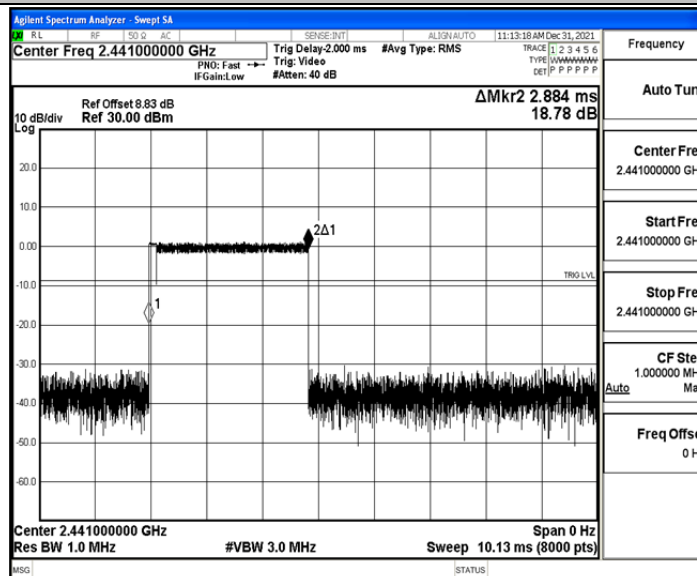


Test Graphs

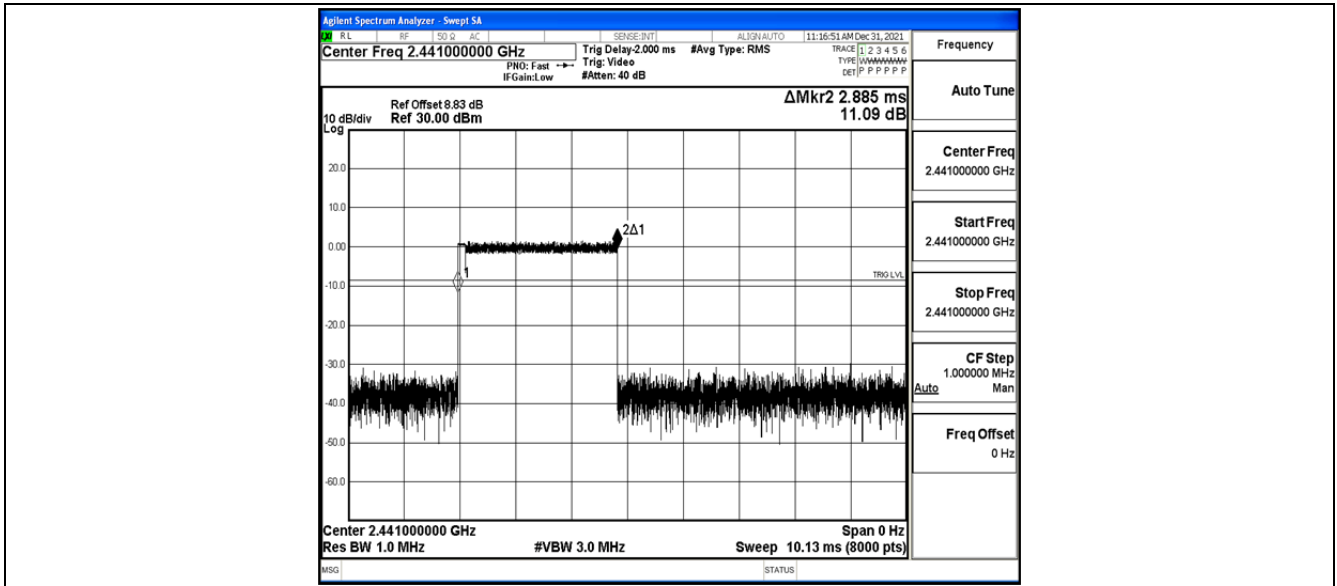
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.5 Number of hopping channels

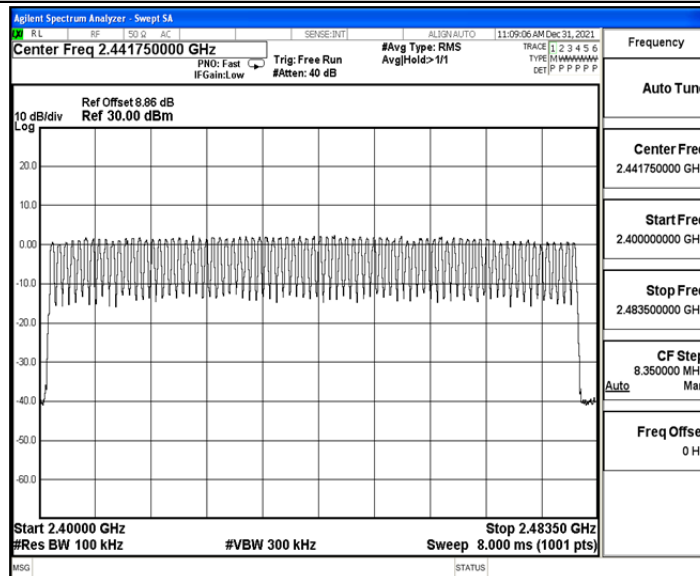
Test Result

TestMode	Antenna	Channel	Result[Num]	Limit[Num]	Verdict
DH5	Ant1	Hop	79	≥ 15	PASS
2DH5	Ant1	Hop	79	≥ 15	PASS
3DH5	Ant1	Hop	79	≥ 15	PASS

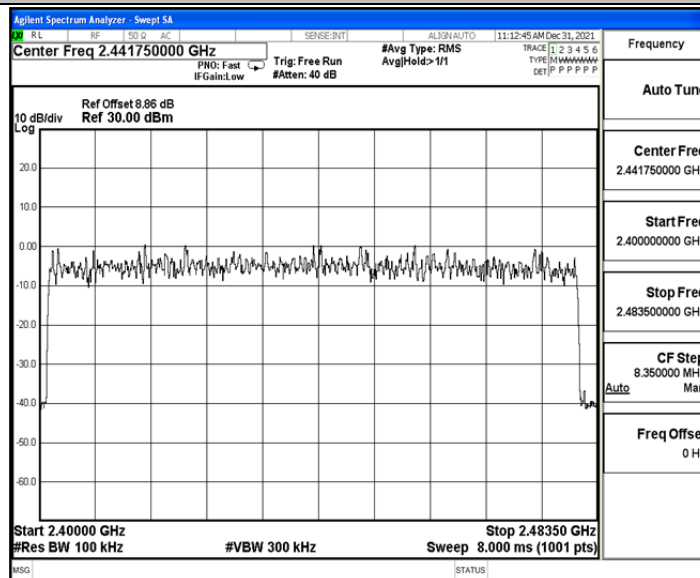


Test Graphs

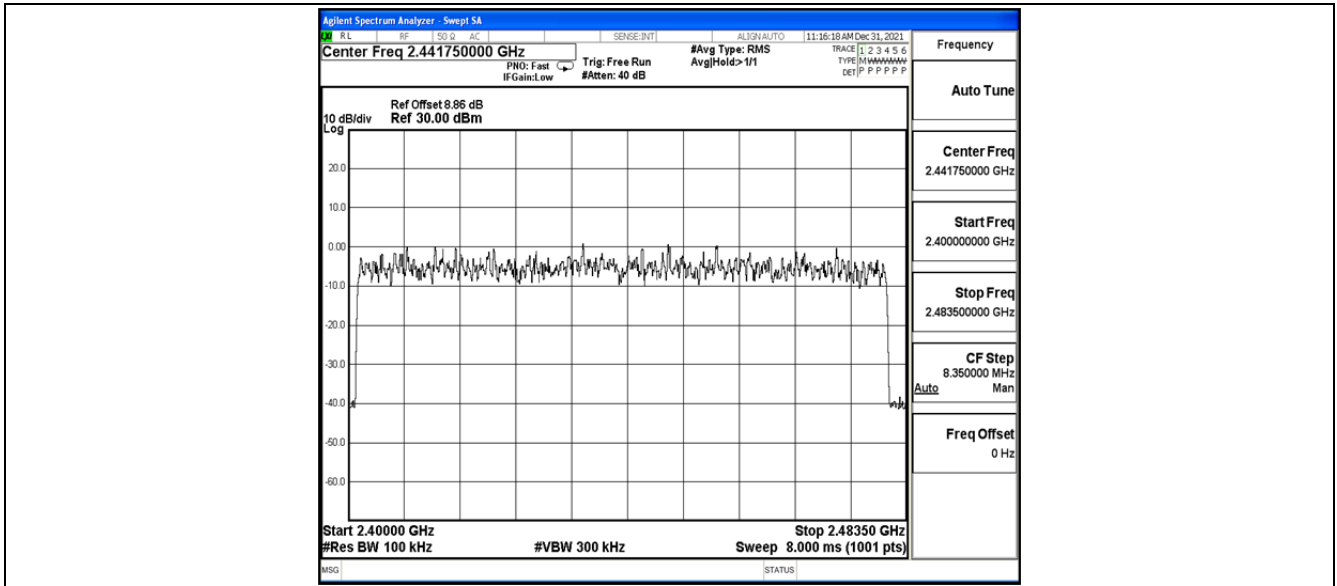
DH5_Ant1_Hop



2DH5_Ant1_Hop



3DH5_Ant1_Hop





A.6 Band edge measurements

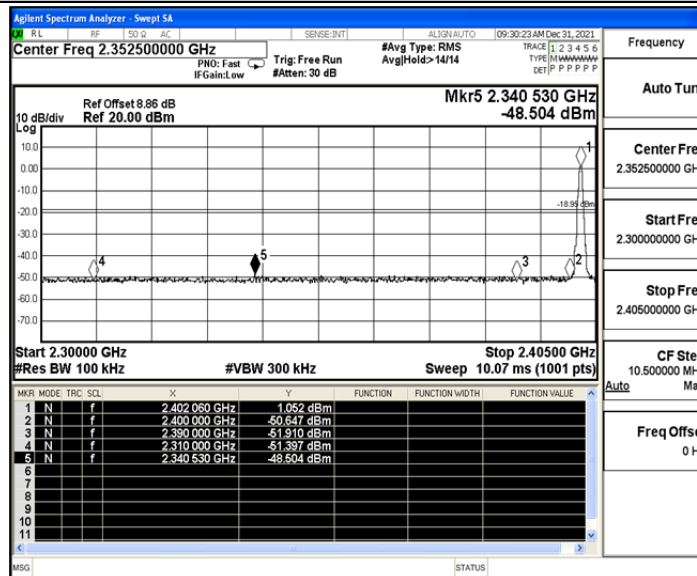
Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
DH5	Ant1	Low	2402	1.05	-48.5	≤ -18.95	PASS
		High	2480	0.71	-47.5	≤ -19.29	PASS
		Low	Hop_2402	0.20	-49.15	≤ -19.8	PASS
		High	Hop_2480	1.00	-47.67	≤ -19.01	PASS
2DH5	Ant1	Low	2402	-3.46	-48.73	≤ -23.46	PASS
		High	2480	-0.77	-47.02	≤ -20.77	PASS
		Low	Hop_2402	-2.57	-48.97	≤ -22.57	PASS
		High	Hop_2480	-0.01	-46.7	≤ -20.01	PASS
3DH5	Ant1	Low	2402	-0.47	-48.5	≤ -20.47	PASS
		High	2480	-1.94	-47.47	≤ -21.94	PASS
		Low	Hop_2402	-2.97	-49.45	≤ -22.97	PASS
		High	Hop_2480	-0.11	-47.67	≤ -20.11	PASS

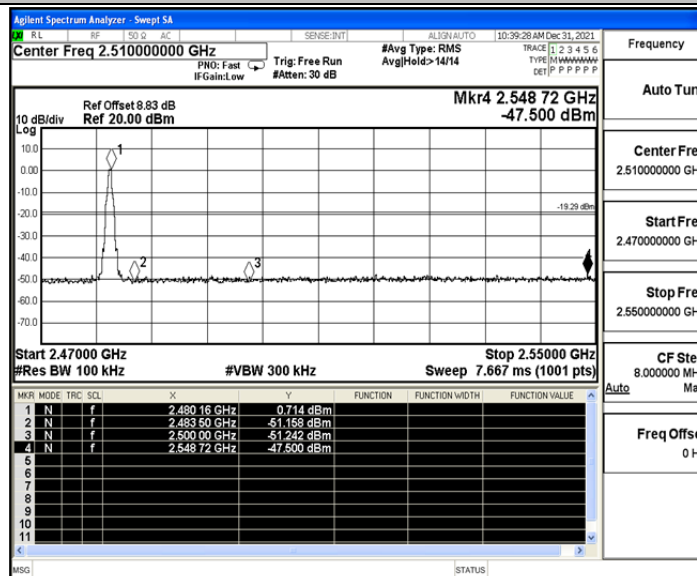


Test Graphs

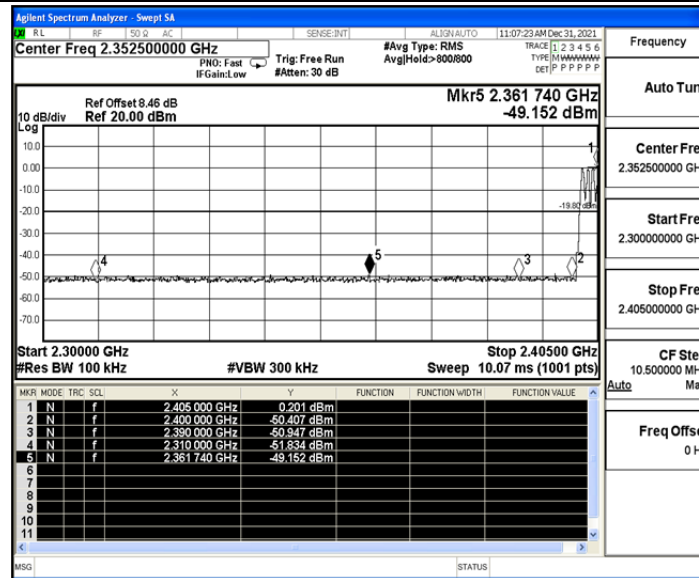
DH5_Ant1_Low_2402



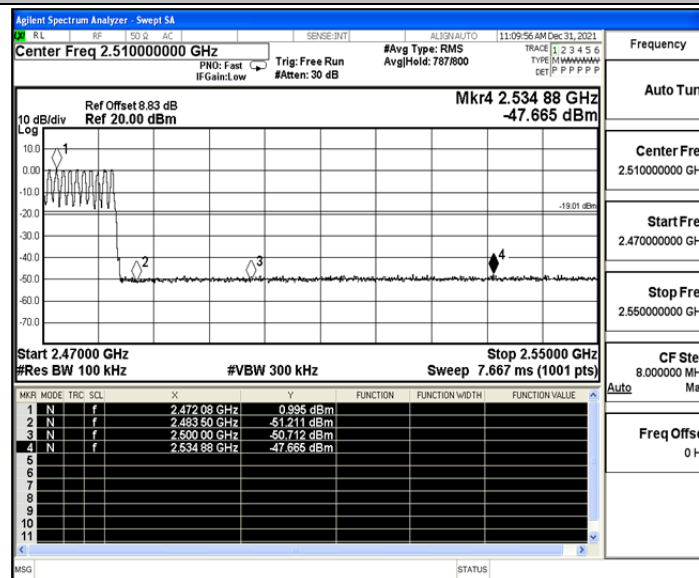
DH5_Ant1_High_2480



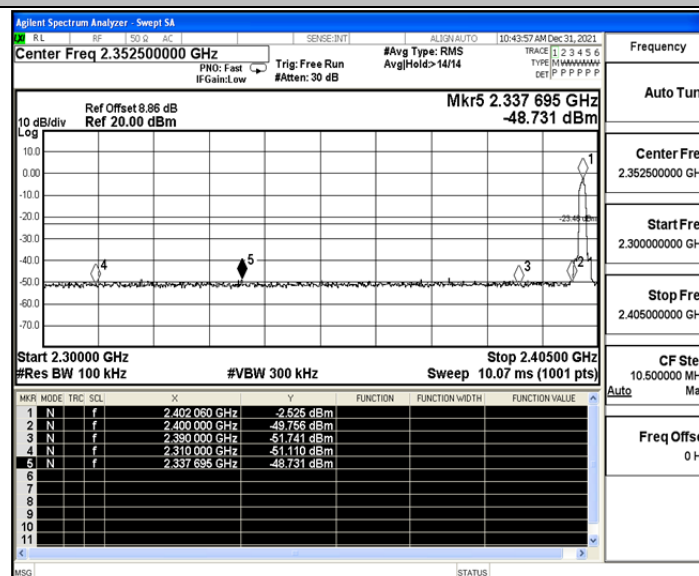
DH5_Ant1_Low_Hop_2402



DH5_Ant1_High_Hop_2480

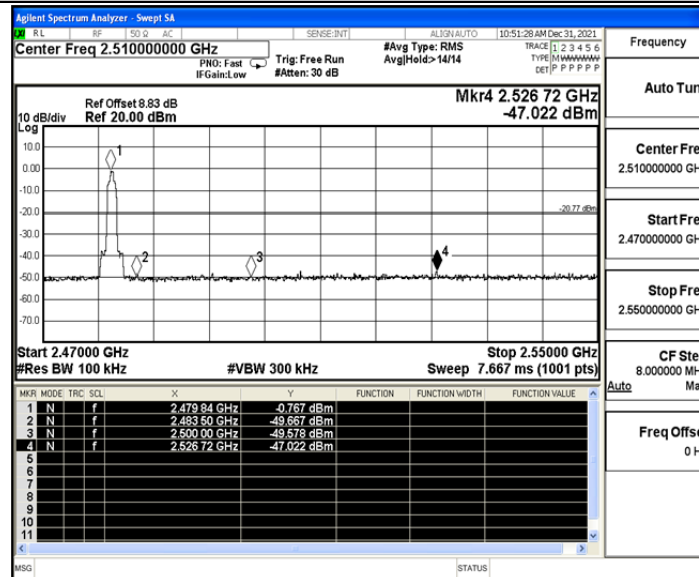


2DH5_Ant1_Low_2402

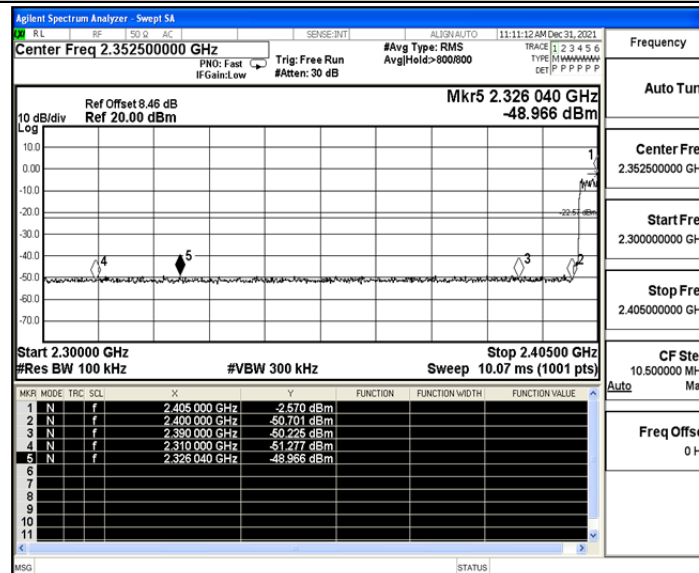




2DH5_Ant1_High_2480



2DH5_Ant1_Low_Hop_2402



2DH5_Ant1_High_Hop_2480